AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Cancel claims 1-14.

15. (New) A controlled droplet-formed built-up layered structure, comprising:

a substrate,

at least two controlled droplet-formed layers, one layer at least partially atop another layer to form at least one built-up layer, each layer further comprising an array of controllably-placed material volumes having a thickness, each material volume having a selected magnitude and a selected position relative to adjacent material volumes, said array being formed by deposition of droplets of selected volume at selected locations with respect to one another.

16. (New) The laminate of claim 15, wherein selected material volumes in at least one of the controlled droplet-formed layers are formed of different material than other material volumes in said droplet-formed layer, whereby the controlled droplet-formed layer comprises at least two differing materials.

17. (New) The laminate of claim 15, wherein selected material volumes in at least one of the droplet-formed layers are of different magnitude than other material volumes in the droplet-formed layer.

18. (New) The laminate of claim 15, wherein the substrate comprises a controlled droplet-formed layer of material.

19. (New) The laminate of claim 15, wherein the controlled droplet-formed layer is discontinuous and comprises an array of material volumes, wherein at a first

selected location a material volume overlays the substrate and at a second selected location a material volume does not overlay the substrate.

20. (New) The laminate of claim 15, wherein the first and second controlled droplet-formed layers comprise layers of a product selected from the following group: a film formed by depositing successive layers, a label having a plurality of layers, and a tape.

21. (New) The laminate of claim 15, wherein the structure is an adhesive label having facestock and an adhesive layer, the facestock and adhesive layer both being droplet-formed.

22. (New) The laminate of claim 21, wherein the substrate comprises one of a carrier, a casting sheet from which the label is subsequently delaminated, and a product to be labeled.

23. (New) The laminate of claim 21, wherein the laminate comprises at least the following droplet-formed layers: a primer layer, a facestock layer, and a printcoat layer.

24. (New) The laminate of claim 23, wherein the laminate further comprises a printcoat layer and an image.

25. (New) The laminate of claim 24, wherein the laminate further comprises a protective coat deposited over the image.

26. (New) The laminate of claim 21, wherein the adhesive layer has a thickness in the range of 5 to 500 microns, and the facestock layer has a thickness of 5 to 500 microns.

27. (New) The laminate of claim 15, wherein at least one layer comprises crystalized salt.

28. (New) The laminate of claim 15, wherein the at least two controlled droplet-formed layers comprise a polymeric film.

29. (New) The laminate of claim 15, wherein the laminate has x, y and z dimensions, and wherein the at least two controlled droplet-formed layers are fluid permeable in one dimension but impermeable in at least one of the other two dimensions.

30. (New) The laminate of claim 15, wherein at least one of the at least two controlled droplet-formed layers includes connected voids.

31. (New) The laminate of claim 15, wherein the laminate has x, y and z dimensions and wherein the at least two controlled droplet-formed layers are electrically conductive in one dimension but electrically unconductive in at least one of the other two dimensions.

32. (New) The laminate of claim 15, wherein at least one of said droplet-formed layers comprises micro-encapsulated materials.

33. (New) The laminate of claim 15, wherein the laminate includes a plurality of droplet-formed layers that provide at least one of tactile and/or aesthetic visual effect.

34. (New) The laminate of claim 15, wherein at least one of said droplet-formed layers is a release layer having voids.

35. (New) A process for forming a laminate structure of which each layer has a controlled structure and a controlled materials composition within each layer, comprising:

a. having a first material that can be formed into droplets;

b. having a substrate upon which droplets of the first material can be deposited;

c. forming an individual droplet of the first material having a controlled volume;

d. placing the droplet at a desired location on the substrate in a controlled way;

e. having a second material that can be formed into droplets;

f. having a substrate upon which droplets of the second material can be deposited, wherein the first material can form at least a part of the substrate upon which the second material is deposited;

g. forming an individual droplet of the second material having a controlled volume;

h. placing the droplet at a desired location on the substrate in a controlled way;

i. repeating steps of the process as required until the structure is formed, wherein previously deposited droplets form at least part of the substrate for further droplet deposition to form at least one built-up layer.

36. (New) The process of claim 35, wherein at least one of the layers comprising the substrate and the first material and the second material layers is a pressure-sensitive adhesive.

37. (New) A controlled droplet-formed layered structure incorporating a pressure sensitive adhesive layer, comprising: a substrate, at least two controlled droplet-formed layers, each further comprising an array of controllably-placed material volumes having a thickness extent, each material volume having a selected magnitude and a selected position relative to adjacent material volumes, said array being formed by deposition of droplets of selected volume at selected locations with respect to one another, said droplets forming at least two layers, one atop the other.

38. (New) The controlled droplet-formed layered structure of claim 37, wherein the controlled droplet formed structure comprises a pressure-sensitive adhesive label.

39. (New) A controlled droplet-formed layered structure, comprising:

a substrate;

at least two controlled droplet-formed layers, each further comprising an array of controllably-placed material volumes having a thickness extent, each material volume having a selected magnitude and a selected position relative to adjacent material volumes, said array being formed by deposition of droplets of selected volume at selected locations with respect to one another;

wherein the laminate is a pressure sensitive adhesive label comprising the following droplet-formed layers atop a substrate: an adhesive layer, a face stock layer, a print coat layer.

40. (New) A laminate as described in claim 39, where the label further comprises the following droplet-formed layers: a primer layer and a print coat layer.

41. (New) A laminate as described in claim 39, in which said label is one label on a matrix-free label sheet of droplet-formed labels.